

## CLAIMS

- 5        1. A method for providing an indication of aircraft  
height relative to an obstruction in a terrain  
awareness warning system, comprising:  
receiving a first datum indicative of a geographic  
feature of an obstruction;  
10        receiving a second datum indicative of a distance of  
the geographic feature from an aircraft;  
receiving a third datum indicative of a height of the  
aircraft;  
receiving a fourth datum indicative of a speed of the  
15        aircraft;  
calculating a projected height of the aircraft at the  
location of the obstruction using the first  
through fourth data;  
generating a result signal based on the projected  
20        height and the first datum; and  
displaying an indication on a display screen based on  
the generated result signal.
- 25        2. The method of claim 1, wherein the first datum is a  
height of the obstruction.
- 30        3. The method of claim 1, wherein the indication is a  
colored area on a display screen having a color  
selected from the group consisting of: red, yellow,  
green, and black.
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